FULL ESTIMATED COST 0.21 0.21

=> file reg
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.63 0.63

FILE 'REGISTRY' ENTERED AT 06:42:20 ON 25 JUL 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 21 JUL 2006 HIGHEST RN 894992-91-7
DICTIONARY FILE UPDATES: 21 JUL 2006 HIGHEST RN 894992-91-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

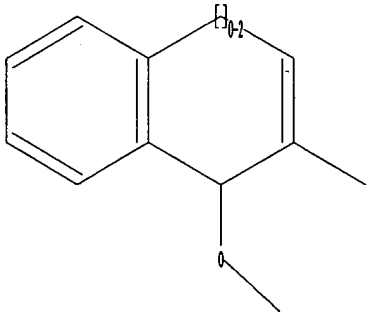
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

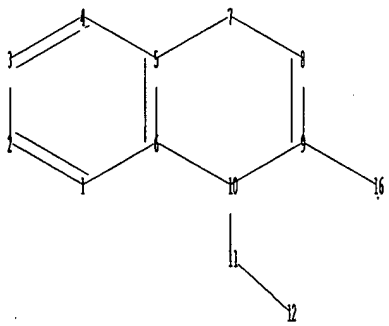
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10849559\10849559 best product core.str





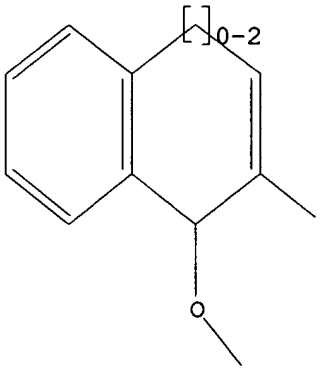
chain nodes :
11 16
ring nodes :
1 2 3 4 5 6 7 8 9 10
ring/chain nodes :
12
chain bonds :
9-16 10-11 11-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
5-6 5-7 6-10 7-8 8-9 9-10 10-11 11-12
exact bonds :
9-16
normalized bonds :

1-2 1-6 2-3 3-4 4-5

Hydrogen count :
7:>= minimum 2
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 16:CLASS

L1   STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1   STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam\
COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles. The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

=> search l1 sss sam
SAMPLE SEARCH INITIATED 06:43:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   19412 TO ITERATE

 10.3% PROCESSED   2000 ITERATIONS   0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 379899 TO   396581
PROJECTED ANSWERS: 0 TO   0

L2   0 SEA SSS SAM L1

=> search l1 sss full
FULL SEARCH INITIATED 06:44:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   390464 TO ITERATE

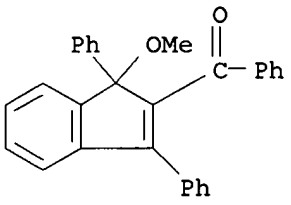
100.0% PROCESSED 390464 ITERATIONS 82 ANSWERS
SEARCH TIME: 00.00.02

L3 82 SEA SSS FUL L1

=> dscan
0 DSCAN
L4 0 DSCAN

=> d scan l3

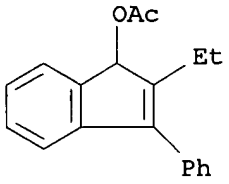
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Ketone, 1-methoxy-1,3-diphenylinden-2-yl phenyl (7CI)
MF C29 H22 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

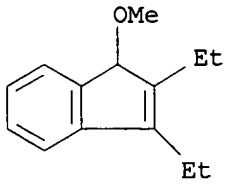
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2-ethyl-3-phenyl-, acetate (9CI)
MF C19 H18 O2



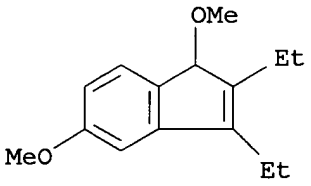
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1-methoxy- (9CI)
MF C14 H18 O



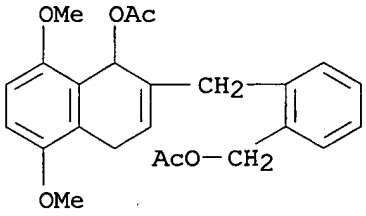
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1,5-dimethoxy- (9CI)
MF C15 H20 O2



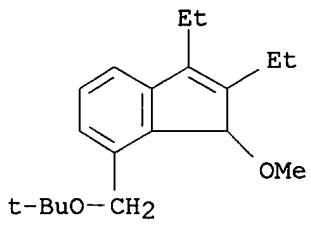
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzyl alcohol, o-[(1,4-dihydro-1-hydroxy-5,8-dimethoxy-2-naphthyl)methyl]-, diacetate (6CI)
MF C24 H26 O6



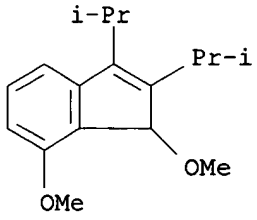
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 7-[(1,1-dimethylethoxy)methyl]-2,3-diethyl-1-methoxy- (9CI)
MF C19 H28 O2



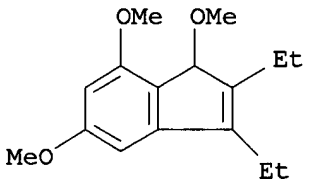
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,7-dimethoxy-2,3-bis(1-methylethyl)- (9CI)
MF C17 H24 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

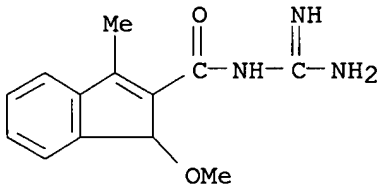
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1,5,7-trimethoxy- (9CI)
MF C16 H22 O3



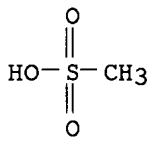
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-2-carboxamide, N-(aminoiminomethyl)-1-methoxy-3-methyl-, monomethanesulfonate (9CI)
MF C13 H15 N3 O2 . C H4 O3 S

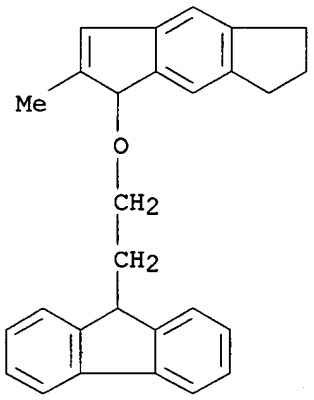
CM 1



CM 2



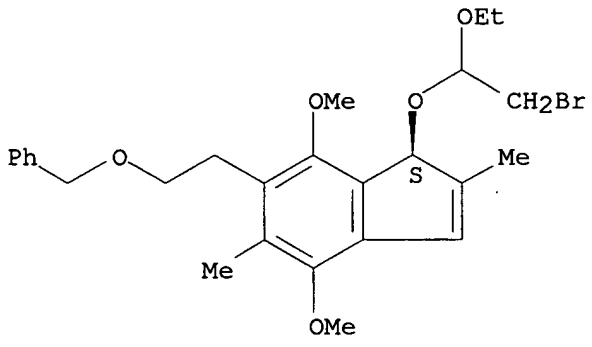
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Fluorene, 9-[2-[(1,5,6,7-tetrahydro-2-methyl-s-indacen-1-yl)oxy]ethyl]-
(9CI)
MF C28 H26 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

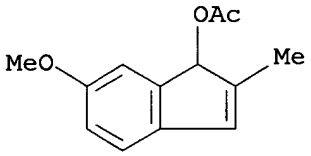
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-(2-bromo-1-ethoxyethoxy)-4,7-dimethoxy-2,5-dimethyl-6-[2-
(phenylmethoxy)ethyl]-, (1S)- (9CI)
MF C26 H33 Br O5

Absolute stereochemistry.



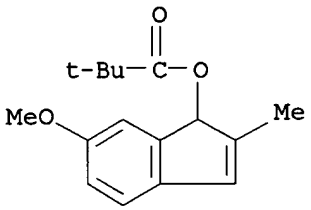
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 6-methoxy-2-methyl-, acetate (9CI)
MF C13 H14 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

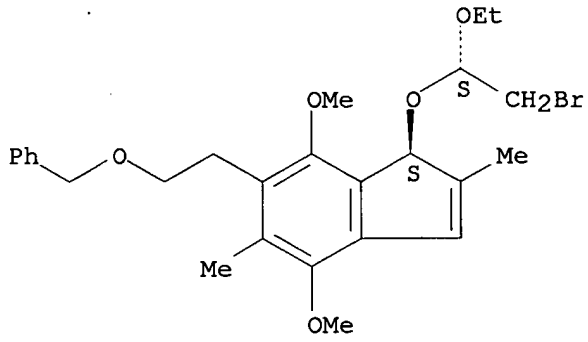
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Propanoic acid, 2,2-dimethyl-, 6-methoxy-2-methyl-1H-inden-1-yl ester (9CI)
MF C16 H20 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

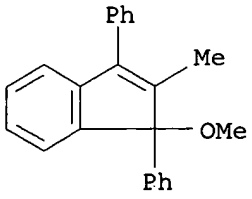
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-[(1S)-2-bromo-1-ethoxyethoxy]-4,7-dimethoxy-2,5-dimethyl-6-[2-(phenylmethoxy)ethyl]-, (1S)- (9CI)
MF C26 H33 Br O5

Absolute stereochemistry. Rotation (+).



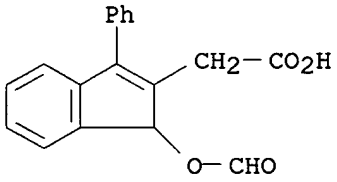
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Indene, 1-methoxy-2-methyl-1,3-diphenyl- (4CI)
MF C23 H20 O



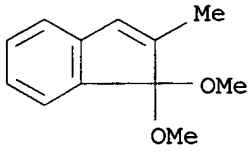
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Indeneacetic acid, 1-hydroxy-3-phenyl-, formate (4CI)
MF C18 H14 O4



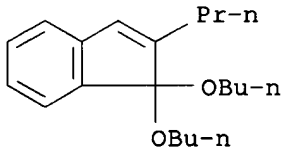
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,1-dimethoxy-2-methyl- (9CI)
MF C12 H14 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

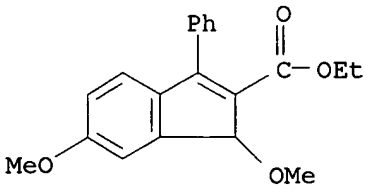
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,1-dibutoxy-2-propyl- (9CI)
MF C20 H30 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

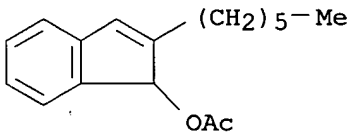
L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 1H-Indene-2-carboxylic acid, 1,6-dimethoxy-3-phenyl-, ethyl ester (9CI)
MF C20 H20 O4



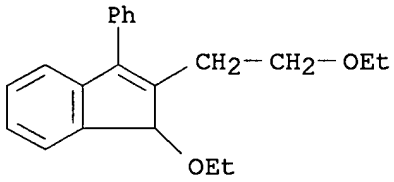
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2-hexyl-, acetate (9CI)
MF C17 H22 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 82 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-ethoxy-2-(2-ethoxyethyl)-3-phenyl- (9CI)
MF C21 H24 O2



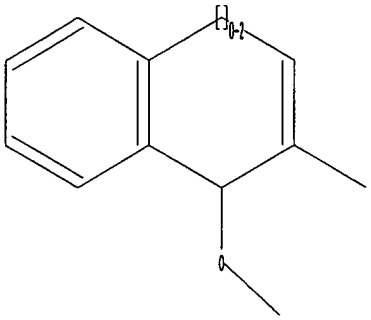
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

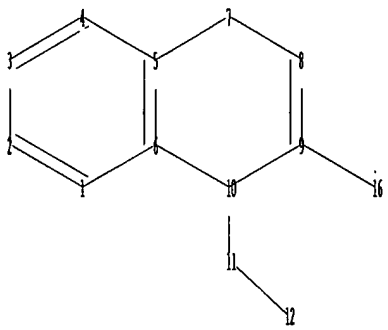
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> save temp l3 rawhetros/a
ANSWER SET L3 HAS BEEN SAVED AS 'RAWHETROS/A'

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10849559\10849559 core fixed H.str



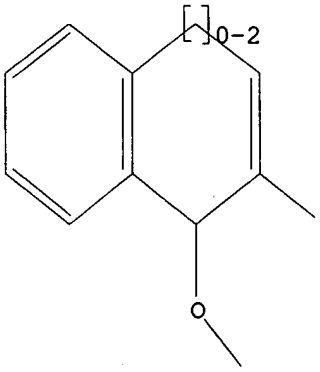


chain nodes :
11 16
ring nodes :
1 2 3 4 5 6 7 8 9 10
ring/chain nodes :
12
chain bonds :
9-16 10-11 11-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
5-6 5-7 6-10 7-8 8-9 9-10 10-11 11-12
exact bonds :
9-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5

Hydrogen count :
7:>= minimum 2 10:>= minimum 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 16:CLASS

L5 STRUCTURE UPLOADED

=> d l5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

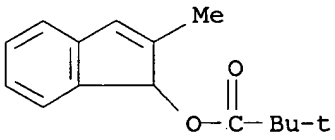
=> search l5 subset=l3 sss full
FULL SUBSET SEARCH INITIATED 06:48:02 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 82 TO ITERATE

100.0% PROCESSED 82 ITERATIONS 68 ANSWERS
SEARCH TIME: 00.00.01

L6 68 SEA SUB=L3 SSS FUL L5

=> d scan

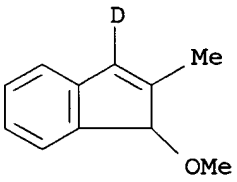
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Propanoic acid, 2,2-dimethyl-, 2-methyl-1H-inden-1-yl ester (9CI)
MF C15 H18 O2



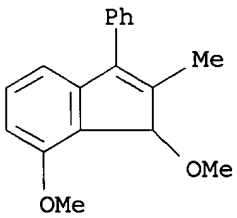
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-3-d, 1-methoxy-2-methyl- (9CI)
MF C11 H11 D O

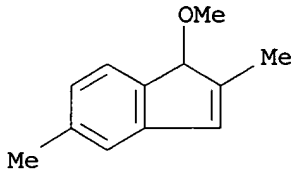


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,7-dimethoxy-2-methyl-3-phenyl- (9CI)
MF C18 H18 O2

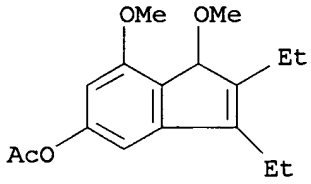


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-methoxy-2,5-dimethyl- (9CI)
MF C12 H14 O

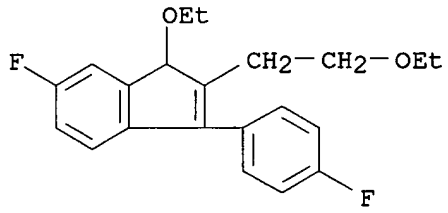


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-5-ol, 2,3-diethyl-1,7-dimethoxy-, acetate (9CI)
MF C17 H22 O4



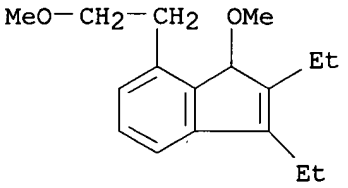
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-ethoxy-2-(2-ethoxyethyl)-6-fluoro-3-(4-fluorophenyl)- (9CI)
MF C21 H22 F2 O2



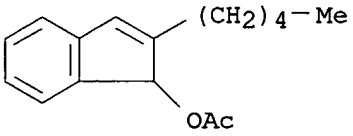
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1-methoxy-7-(2-methoxyethyl)- (9CI)
MF C17 H24 O2



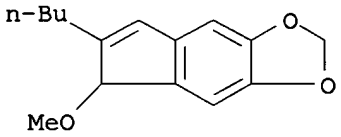
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2-pentyl-, acetate (9CI)
MF C16 H20 O2



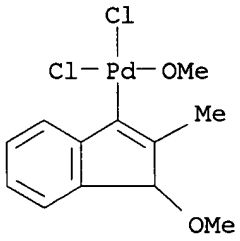
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 5H-Indeno[5,6-d]-1,3-dioxole, 6-butyl-5-methoxy- (9CI)
MF C15 H18 O3



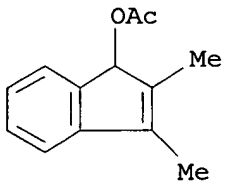
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Palladium, dichloromethoxy(1-methoxy-2-methyl-1H-inden-3-yl)- (9CI)
MF C12 H14 Cl2 O2 Pd



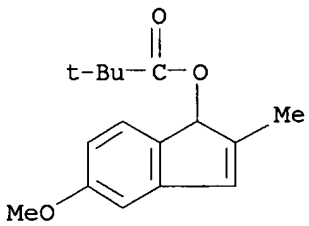
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2,3-dimethyl-, acetate (9CI)

MF C13 H14 O2



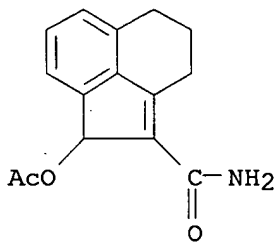
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Propanoic acid, 2,2-dimethyl-, 5-methoxy-2-methyl-1H-inden-1-yl ester (9CI)
MF C16 H20 O3



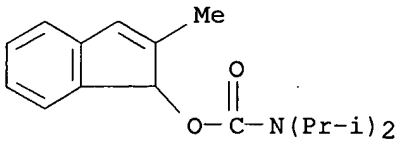
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Acenaphthylenecarboxamide, 2-(acetyloxy)-2,6,7,8-tetrahydro- (9CI)
MF C15 H15 N O3



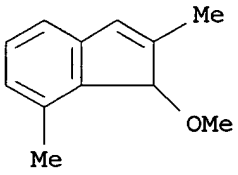
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Carbamic acid, bis(1-methylethyl)-, 2-methyl-1H-inden-1-yl ester (9CI)
MF C17 H23 N O2

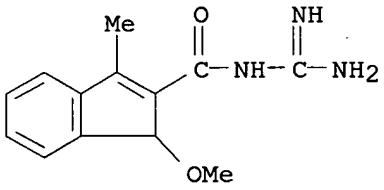


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-methoxy-2,7-dimethyl- (9CI)
MF C12 H14 O

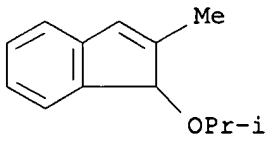


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-2-carboxamide, N-(aminoiminomethyl)-1-methoxy-3-methyl- (9CI)
MF C13 H15 N3 O2
CI COM

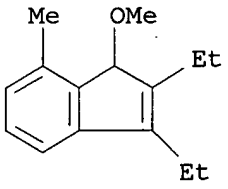


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2-methyl-1-(1-methylethoxy)- (9CI)
MF C13 H16 O

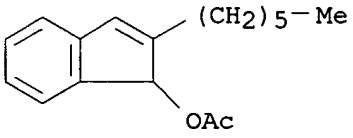


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1-methoxy-7-methyl- (9CI)
MF C15 H20 O



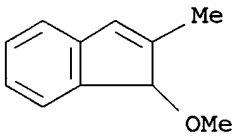
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2-hexyl-, acetate (9CI)
MF C17 H22 O2



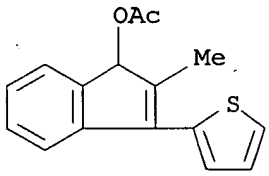
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-methoxy-2-methyl- (9CI)
MF C11 H12 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

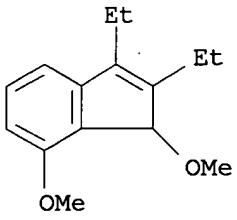
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Indenol, 2-methyl-3-(2-thienyl)-, acetate (5CI)
MF C16 H14 O2 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

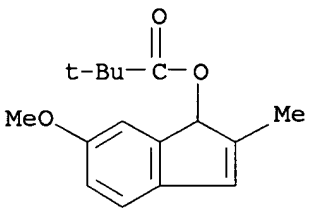
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1,7-dimethoxy- (9CI)
MF C15 H20 O2



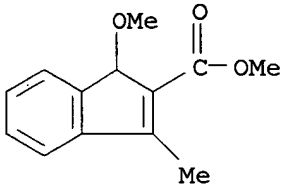
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Propanoic acid, 2,2-dimethyl-, 6-methoxy-2-methyl-1H-inden-1-yl ester (9CI)
MF C16 H20 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

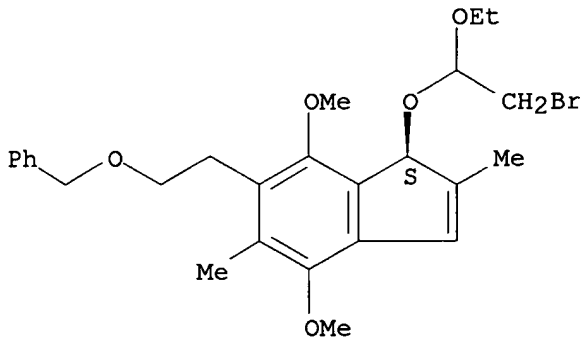
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Indene-2-carboxylic acid, 1-methoxy-3-methyl-, methyl ester (8CI)
MF C13 H14 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

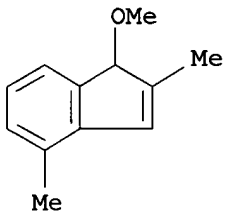
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-(2-bromo-1-ethoxyethoxy)-4,7-dimethoxy-2,5-dimethyl-6-[2-(phenylmethoxy)ethyl]-, (1S)- (9CI)
MF C26 H33 Br O5

Absolute stereochemistry.



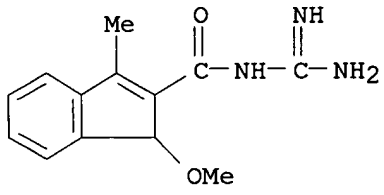
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-methoxy-2,4-dimethyl- (9CI)
MF C12 H14 O

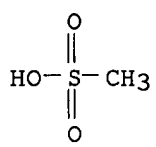


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-2-carboxamide, N-(aminoiminomethyl)-1-methoxy-3-methyl-, monomethanesulfonate (9CI)
MF C13 H15 N3 O2 . C H4 O3 S

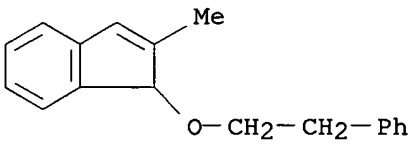
CM 1



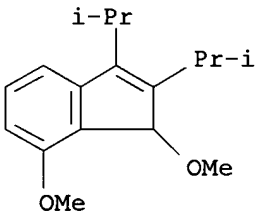
CM 2



L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2-methyl-1-(2-phenylethoxy)- (9CI)
MF C18 H18 O

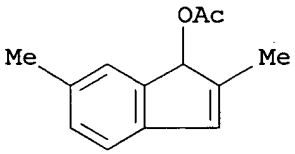


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,7-dimethoxy-2,3-bis(1-methylethyl)- (9CI)
MF C17 H24 O2



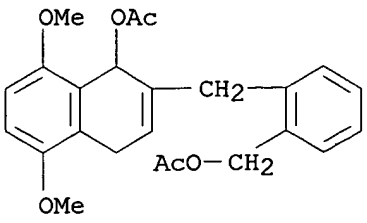
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2,6-dimethyl-, acetate (9CI)
MF C13 H14 O2



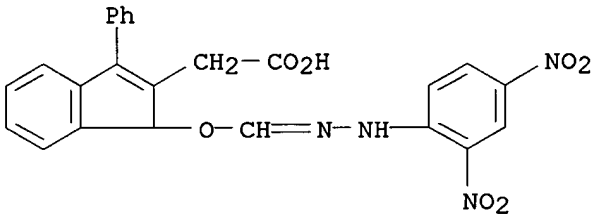
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzyl alcohol, o-[(1,4-dihydro-1-hydroxy-5,8-dimethoxy-2-naphthyl)methyl]-, diacetate (6CI)
MF C24 H26 O6



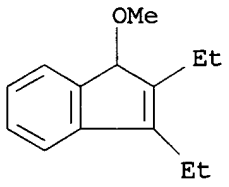
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Indeneacetic acid, 1-hydroxy-3-phenyl-, formate, 2,4-dinitrophenylhydrazone (4CI)
MF C24 H18 N4 O7



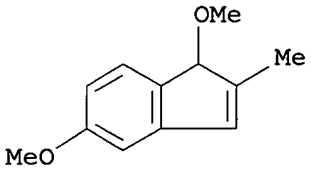
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1-methoxy- (9CI)
MF C14 H18 O



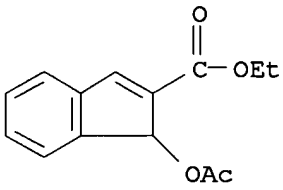
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,5-dimethoxy-2-methyl- (9CI)
MF C12 H14 O2



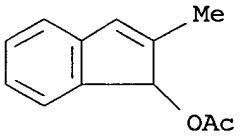
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-2-carboxylic acid, 1-(acetyloxy)-, ethyl ester (9CI)
MF C14 H14 O4



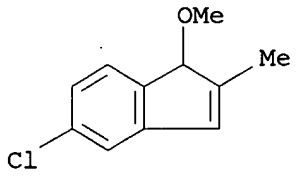
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2-methyl-, acetate (9CI)
MF C12 H12 O2

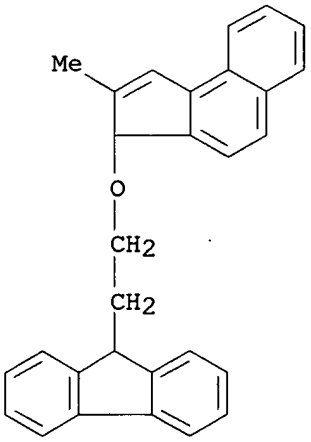


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 5-chloro-1-methoxy-2-methyl- (9CI)
MF C11 H11 Cl O

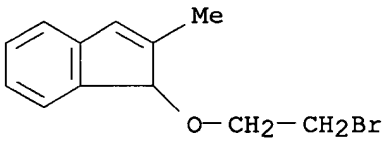


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 3H-Benz[e]indene, 3-[2-(9H-fluoren-9-yl)ethoxy]-2-methyl- (9CI)
MF C29 H24 O

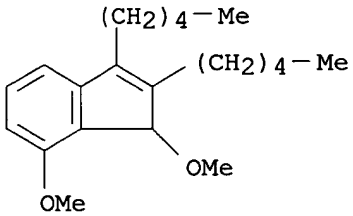


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-(2-bromoethoxy)-2-methyl- (9CI)
MF C12 H13 Br O



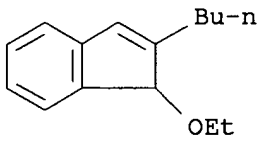
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,7-dimethoxy-2,3-dipentyl- (9CI)
MF C21 H32 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

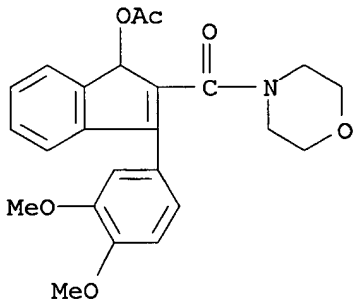
IN 1H-Indene, 2-butyl-1-ethoxy- (9CI)
MF C15 H20 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

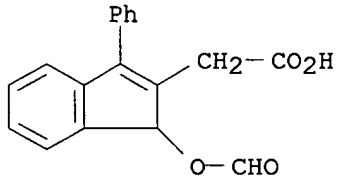
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Morpholine, 4-[[1-(acetyloxy)-3-(3,4-dimethoxyphenyl)-1H-inden-2-yl]carbonyl]- (9CI)
MF C24 H25 N O6



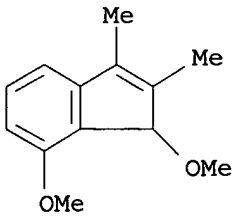
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Indeneacetic acid, 1-hydroxy-3-phenyl-, formate (4CI)
MF C18 H14 O4



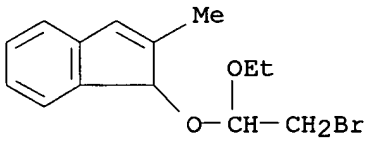
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1,7-dimethoxy-2,3-dimethyl- (9CI)
MF C13 H16 O2



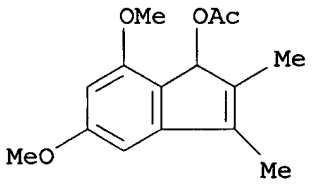
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-(2-bromo-1-ethoxyethoxy)-2-methyl- (9CI)
MF C14 H17 Br O2



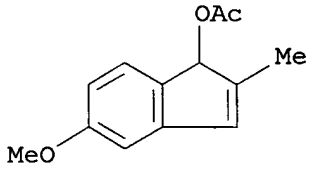
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 5,7-dimethoxy-2,3-dimethyl-, acetate (9CI)
MF C15 H18 O4



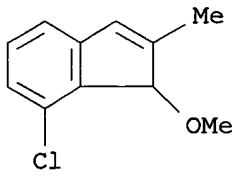
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 5-methoxy-2-methyl-, acetate (9CI)
MF C13 H14 O3

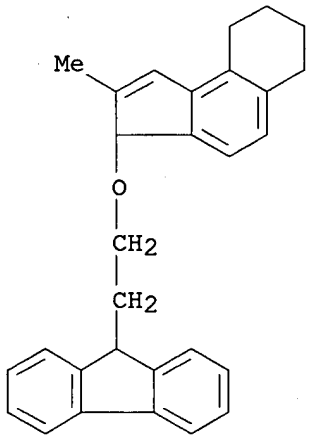


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 7-chloro-1-methoxy-2-methyl- (9CI)
MF C11 H11 Cl O

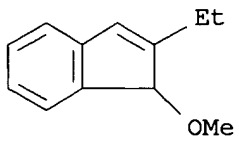


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Fluorene, 9-[2-[(6,7,8,9-tetrahydro-2-methyl-3H-benz[e]inden-3-yl)oxy]ethyl]- (9CI)
MF C29 H28 O

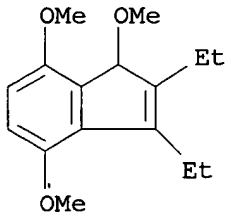


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2-ethyl-1-methoxy- (9CI)
MF C12 H14 O

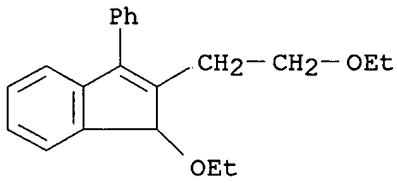


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1,4,7-trimethoxy- (9CI)
MF C16 H22 O3



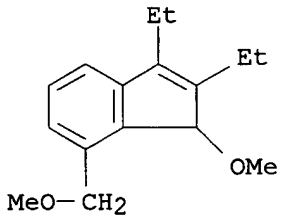
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-ethoxy-2-(2-ethoxyethyl)-3-phenyl- (9CI)
MF C21 H24 O2



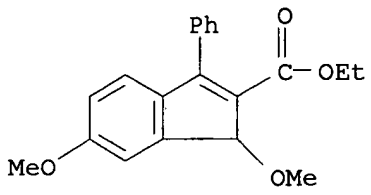
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1-methoxy-7-(methoxymethyl)- (9CI)
MF C16 H22 O2



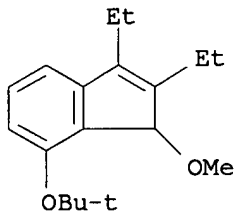
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-2-carboxylic acid, 1,6-dimethoxy-3-phenyl-, ethyl ester (9CI)
MF C20 H20 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

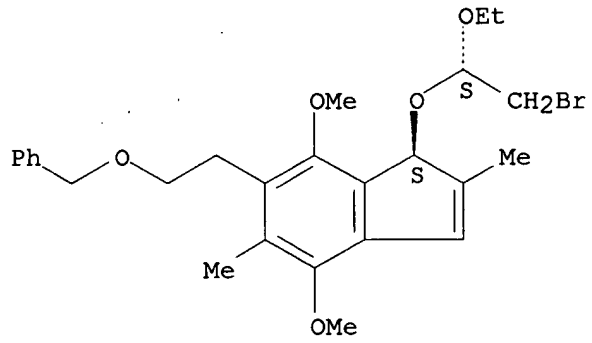
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 7-(1,1-dimethylethoxy)-2,3-diethyl-1-methoxy- (9CI)
MF C18 H26 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-[(1S)-2-bromo-1-ethoxyethoxy]-4,7-dimethoxy-2,5-dimethyl-6-[2-(phenylmethoxy)ethyl]-, (1S)- (9CI)
MF C26 H33 Br O5

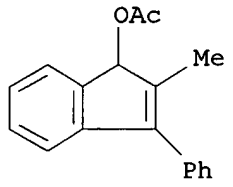
Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

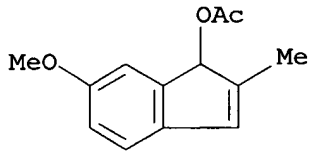
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 1H-Inden-1-ol, 2-methyl-3-phenyl-, acetate (9CI)
MF C18 H16 O2



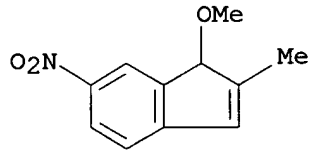
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 6-methoxy-2-methyl-, acetate (9CI)
MF C13 H14 O3

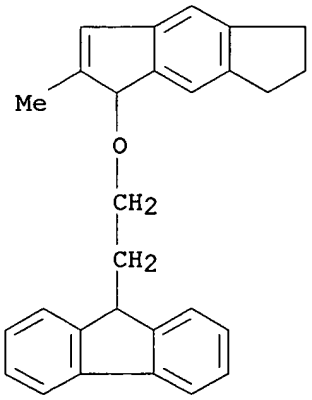


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-methoxy-2-methyl-6-nitro- (9CI)
MF C11 H11 N O3

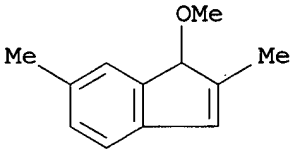


L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Fluorene, 9-[2-[(1,5,6,7-tetrahydro-2-methyl-s-indacen-1-yl)oxy]ethyl]-
(9CI)
MF C28 H26 O



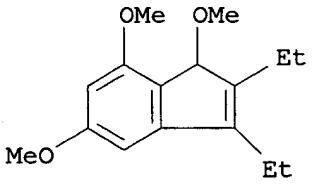
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-methoxy-2,6-dimethyl- (9CI)
MF C12 H14 O



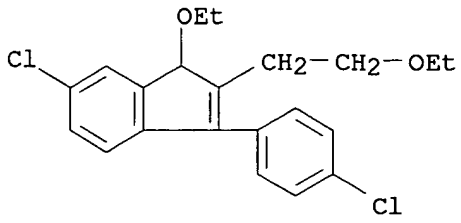
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1,5,7-trimethoxy- (9CI)
MF C16 H22 O3



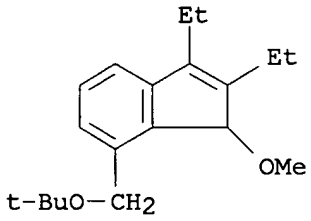
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 6-chloro-3-(4-chlorophenyl)-1-ethoxy-2-(2-ethoxyethyl)- (9CI)
MF C21 H22 Cl2 O2



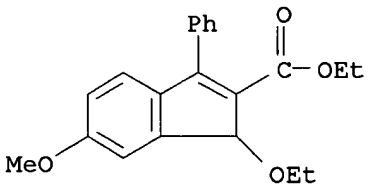
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 7-[(1,1-dimethylethoxy)methyl]-2,3-diethyl-1-methoxy- (9CI)
MF C19 H28 O2



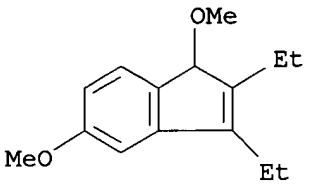
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-2-carboxylic acid, 1-ethoxy-6-methoxy-3-phenyl-, ethyl ester (9CI)
MF C21 H22 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

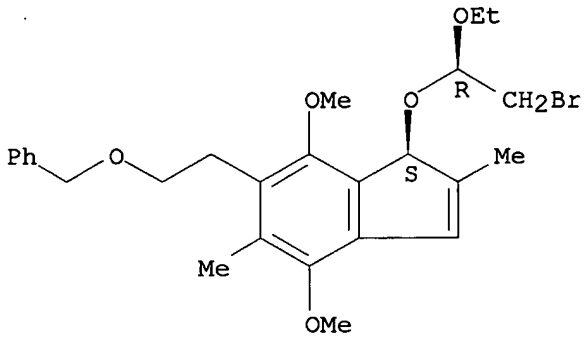
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 2,3-diethyl-1,5-dimethoxy- (9CI)
MF C15 H20 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

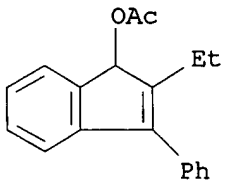
L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene, 1-[(1R)-2-bromo-1-ethoxyethoxy]-4,7-dimethoxy-2,5-dimethyl-6-[2-(phenylmethoxy)ethyl]-, (1S)- (9CI)
MF C26 H33 Br O5

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 68 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Inden-1-ol, 2-ethyl-3-phenyl-, acetate (9CI)
MF C19 H18 O2

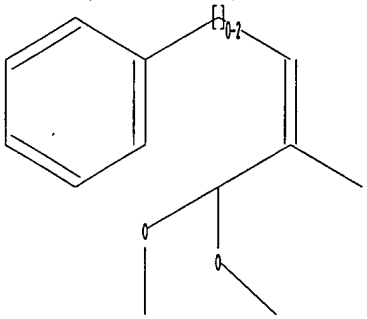


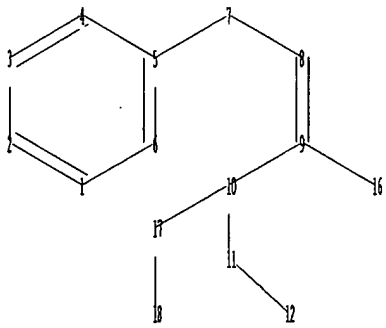
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> save temp prodcmpds/a
ENTER L#, L# RANGE, ALL, OR (END):16
ANSWER SET L6 HAS BEEN SAVED AS 'PRODCMPDS/A'

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10849559\10849559 starting material.str



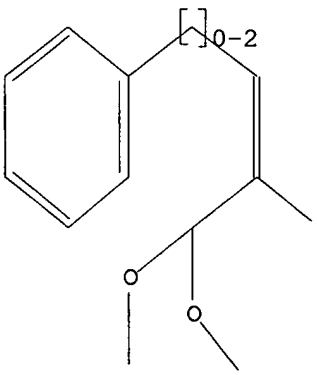


chain nodes :
7 8 9 10 11 16 17
ring nodes :
1 2 3 4 5 6
ring/chain nodes :
12 18
chain bonds :
5-7 7-8 8-9 9-10 9-16 10-11 10-17 11-12 17-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
10-11 10-17 11-12 17-18
exact bonds :
5-7 7-8 8-9 9-10 9-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Hydrogen count :
7:>= minimum 2 10:>= minimum 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS 12:CLASS 16:CLASS 17:CLASS 18:CLASS

L7 STRUCTURE UPLOADED

=> d l7
L7 HAS NO ANSWERS
L7 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> searchl7 sss sam
SAMPLE IS IGNORED AS A SCOPE FOR THIS SEARCH
L8            0 SEARCHL7

=> search l7 sss sam
SAMPLE SEARCH INITIATED 06:59:04 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       187 TO ITERATE

100.0% PROCESSED      187 ITERATIONS                                 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         2920 TO     4560
PROJECTED ANSWERS:               1 TO       80

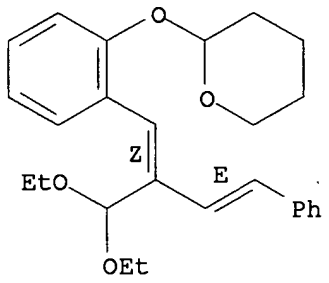
L9             1 SEA SSS SAM L7

=>

=> d scan

L9   1 ANSWERS   REGISTRY  COPYRIGHT 2006 ACS on STN
IN   2H-Pyran, 2-[2-[2-(diethoxymethyl)-4-phenyl-1,3-
     butadienyl]phenoxy]tetrahydro-, (Z,E)- (9CI)
MF   C26 H32 O4

Double bond geometry as shown.
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


ALL ANSWERS HAVE BEEN SCANNED


=> search l7 sss full
FULL SEARCH INITIATED 06:59:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      3935 TO ITERATE

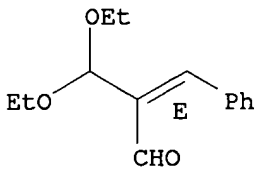
100.0% PROCESSED     3935 ITERATIONS                               48 ANSWERS
SEARCH TIME: 00.00.01

L10           48 SEA SSS FUL L7
```

=> d scan

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenal, 2-(diethoxymethyl)-3-phenyl-, (2E)- (9CI)
MF C14 H18 O3

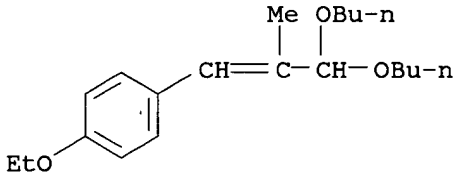
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

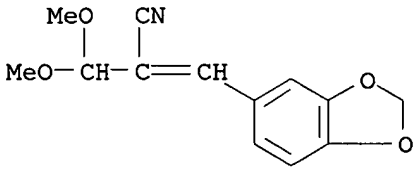
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):48

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-4-ethoxy- (9CI)
MF C20 H32 O3



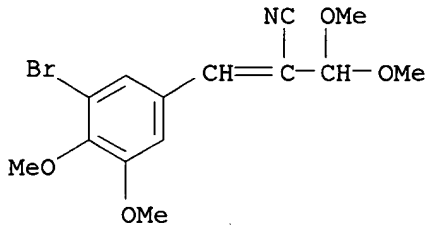
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 3-(1,3-benzodioxol-5-yl)-2-(dimethoxymethyl)- (9CI)
MF C13 H13 N O4



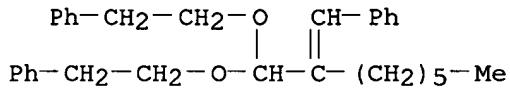
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 3-(3-bromo-4,5-dimethoxyphenyl)-2-(dimethoxymethyl)-
(9CI)
MF C14 H16 Br N O4



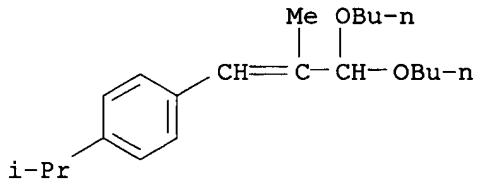
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1,1'-[[2-(phenylmethylene)octylidene]bis(oxy-2,1-ethanediyl)]bis- (9CI)
MF C31 H38 O2



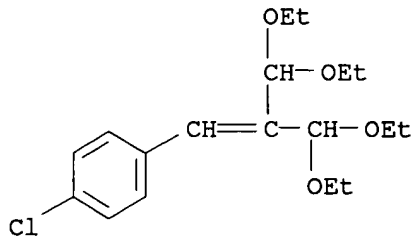
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-4-(1-methylethyl)- (9CI)
MF C21 H34 O2



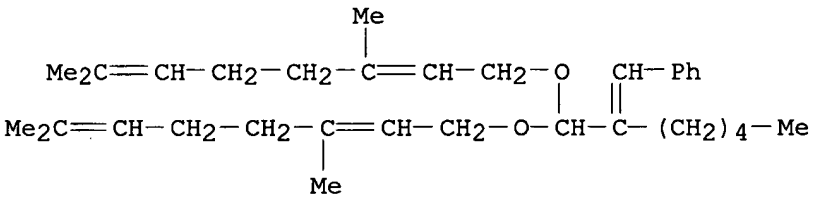
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-chloro-4-[2-(diethoxymethyl)-3,3-diethoxy-1-propenyl]- (9CI)
MF C18 H27 Cl O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

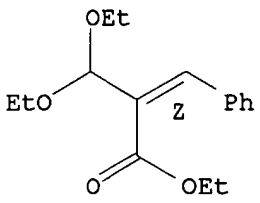
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-[bis[(3,7-dimethyl-2,6-octadienyl)oxy]methyl]-1-heptenyl]- (9CI)
MF C34 H52 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

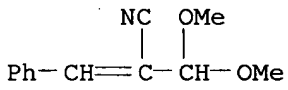
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenoic acid, 2-(diethoxymethyl)-3-phenyl-, ethyl ester, (2Z)- (9CI)
MF C16 H22 O4

Double bond geometry as shown.



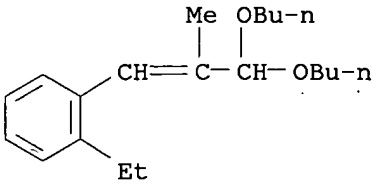
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 2-(dimethoxymethyl)-3-phenyl- (9CI)
MF C12 H13 N O2



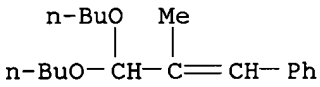
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-2-ethyl- (9CI)
MF C20 H32 O2



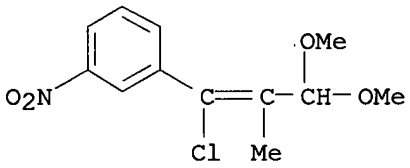
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, (3,3-dibutoxy-2-methyl-1-propenyl)- (9CI)
MF C18 H28 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

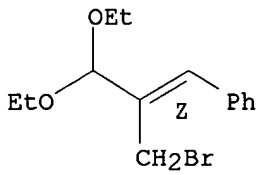
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cinnamaldehyde, β-chloro-α-methyl-m-nitro-, dimethyl acetal (7CI, 8CI)
MF C12 H14 Cl N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

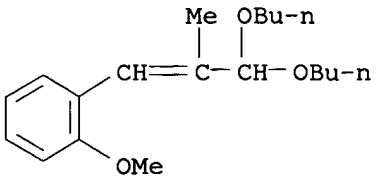
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-(bromomethyl)-3,3-diethoxy-1-propenyl]-, (Z)- (9CI)
MF C14 H19 Br O2

Double bond geometry as shown.



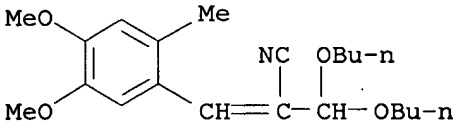
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-2-methoxy- (9CI)
MF C19 H30 O3



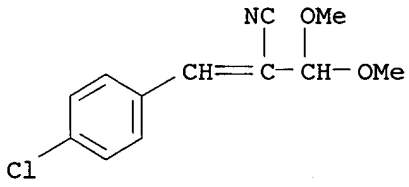
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 2-(dibutoxymethyl)-3-(4,5-dimethoxy-2-methylphenyl)-
(9CI)
MF C21 H31 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

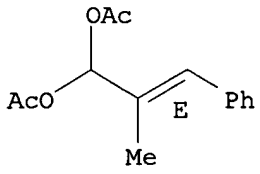
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Malonaldehydonitrile, (p-chlorobenzylidene)-, dimethyl acetal (8CI)
MF C12 H12 Cl N O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propene-1,1-diol, 2-methyl-3-phenyl-, diacetate, (2E)- (9CI)
MF C14 H16 O4

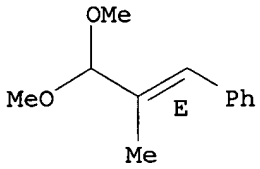
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

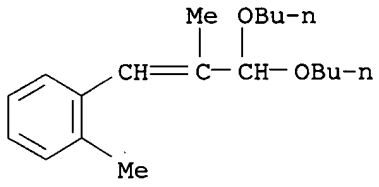
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [(1E)-3,3-dimethoxy-2-methyl-1-propenyl]- (9CI)
MF C12 H16 O2

Double bond geometry as shown.



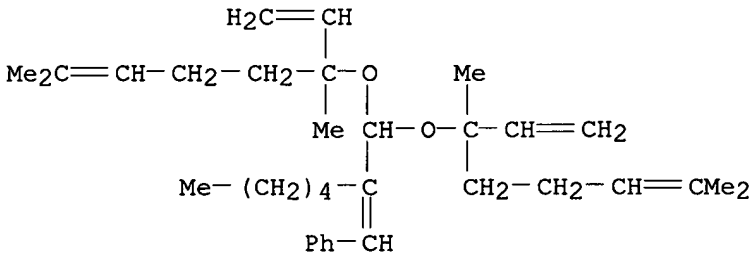
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-2-methyl- (9CI)
MF C19 H30 O2



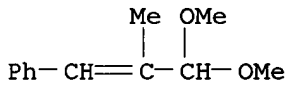
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-[bis[(1-ethenyl-1,5-dimethyl-4-hexenyl)oxy]methyl]-1-heptenyl]-
(9CI)
MF C34 H52 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

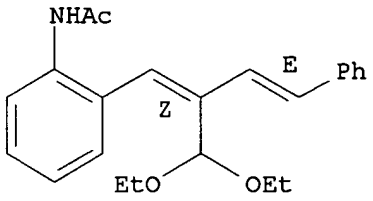
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, (3,3-dimethoxy-2-methyl-1-propenyl)- (9CI)
MF C12 H16 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

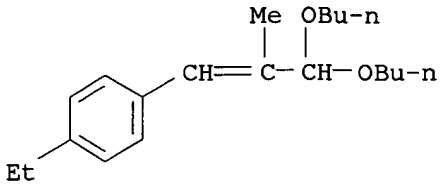
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Acetamide, N-[2-[2-(diethoxymethyl)-4-phenyl-1,3-butadienyl]phenyl]-, (Z,E)- (9CI)
MF C23 H27 N O3

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

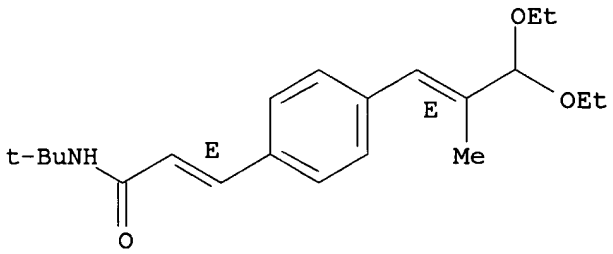
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-4-ethyl- (9CI)
MF C20 H32 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

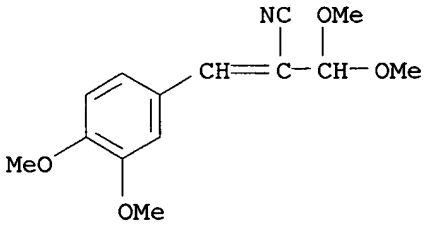
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenamide, 3-[4-(3,3-diethoxy-2-methyl-1-propenyl)phenyl]-N-(1,1-dimethylethyl)-, (E,E)- (9CI)
MF C21 H31 N O3

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

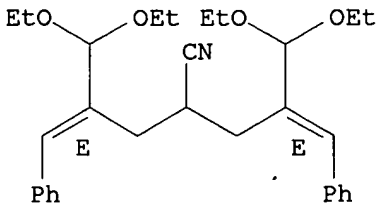
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 2-(dimethoxymethyl)-3-(3,4-dimethoxyphenyl)- (9CI)
MF C14 H17 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

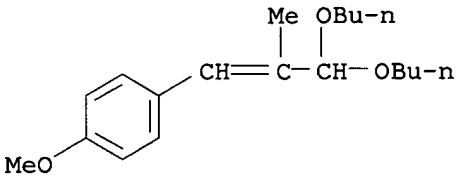
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 4-Pentenenitrile, 4-(diethoxymethyl)-2-[2-(diethoxymethyl)-3-phenyl-2-propenyl]-5-phenyl-, (E,E)- (9CI)
MF C30 H39 N O4

Double bond geometry as shown.



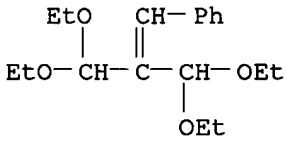
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-4-methoxy- (9CI)
MF C19 H30 O3



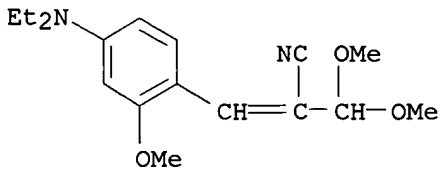
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-(diethoxymethyl)-3,3-diethoxy-1-propenyl]- (9CI)
MF C18 H28 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

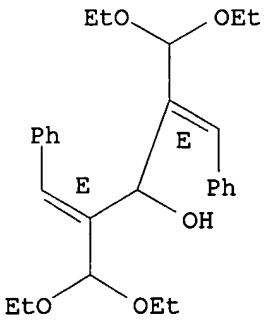
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 3-[4-(diethylamino)-2-methoxyphenyl]-2-(dimethoxymethyl)-
(9CI)
MF C17 H24 N2 O3



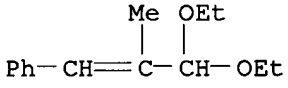
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1,4-Pentadien-3-ol, 2,4-bis(diethoxymethyl)-1,5-diphenyl-, (1E,4E)- (9CI)
MF C27 H36 O5

Double bond geometry as shown.

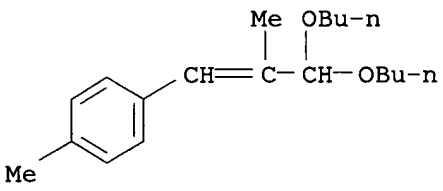


L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, (3,3-diethoxy-2-methyl-1-propenyl)- (9CI)
MF C14 H20 O2



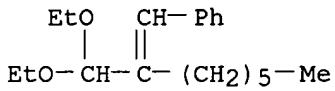
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-4-methyl- (9CI)
MF C19 H30 O2



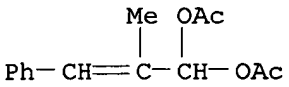
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-(diethoxymethyl)-1-octenyl]- (9CI)
MF C19 H30 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

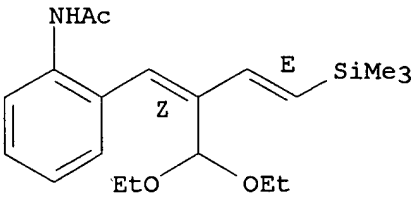
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propene-1,1-diol, 2-methyl-3-phenyl-, diacetate (9CI)
MF C14 H16 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

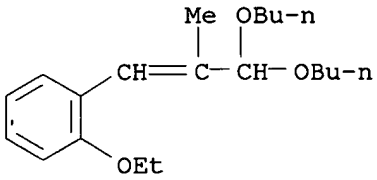
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Acetamide, N-[2-[2-(diethoxymethyl)-4-(trimethylsilyl)-1,3-butadienyl]phenyl]-, (E,Z)- (9CI)
MF C20 H31 N O3 Si

Double bond geometry as shown.



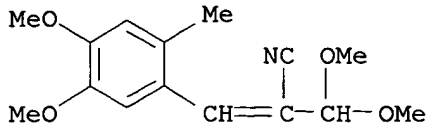
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-2-ethoxy- (9CI)
MF C20 H32 O3



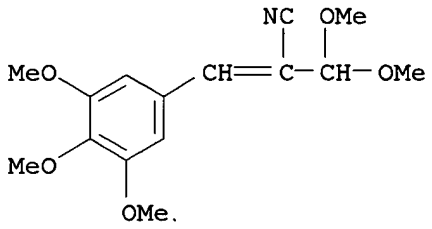
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 2-(dimethoxymethyl)-3-(4,5-dimethoxy-2-methylphenyl)- (9CI)
MF C15 H19 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

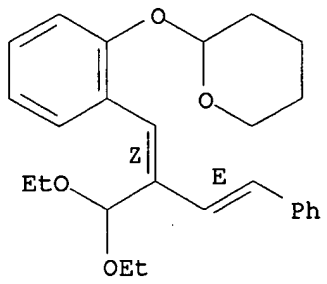
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 2-(dimethoxymethyl)-3-(3,4,5-trimethoxyphenyl)- (9CI)
MF C15 H19 N O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

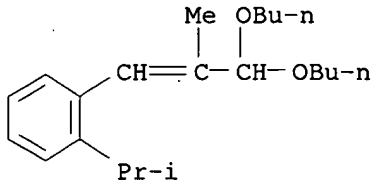
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2H-Pyran, 2-[2-[2-(diethoxymethyl)-4-phenyl-1,3-butadienyl]phenoxy]tetrahydro-, (Z,E)- (9CI)
MF C26 H32 O4

Double bond geometry as shown.



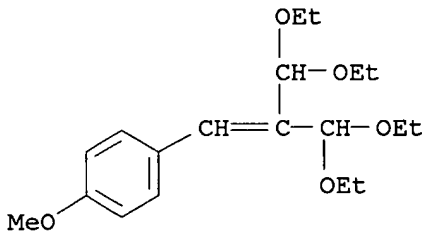
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-2-(1-methylethyl)- (9CI)
MF C21 H34 O2



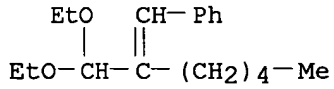
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-[2-(diethoxymethyl)-3,3-diethoxy-1-propenyl]-4-methoxy- (9CI)
MF C19 H30 O5



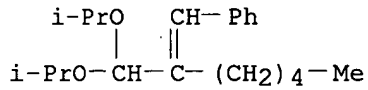
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-(diethoxymethyl)-1-heptenyl]- (9CI)
MF C18 H28 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

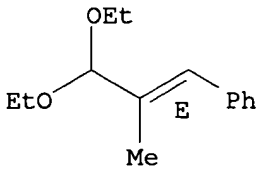
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-[bis(1-methylethoxy)methyl]-1-heptenyl]- (9CI)
MF C20 H32 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

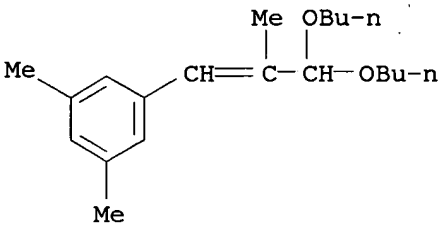
L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, (3,3-diethoxy-2-methyl-1-propenyl)-, (E)- (9CI)
MF C14 H20 O2

Double bond geometry as shown.



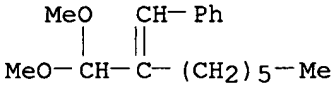
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, 1-(3,3-dibutoxy-2-methyl-1-propenyl)-3,5-dimethyl- (9CI)
MF C20 H32 O2



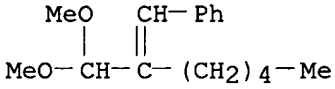
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-(dimethoxymethyl)-1-octenyl]- (9CI)
MF C17 H26 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L10 48 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzene, [2-(dimethoxymethyl)-1-heptenyl]- (9CI)
MF C16 H24 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

```
=> save temp l10 stmatfnds/a
ANSWER SET L10 HAS BEEN SAVED AS 'STMATFNDS/A'

=> d his

     (FILE 'HOME' ENTERED AT 06:32:16 ON 25 JUL 2006)

     FILE 'REGISTRY' ENTERED AT 06:42:20 ON 25 JUL 2006
L1               STRUCTURE UPLOADED
L2             0 SEARCH L1 SSS SAM
L3            82 SEARCH L1 SSS FULL
L4             0 DSCAN
                 SAVE TEMP L3 RAWHETROS/A
L5               STRUCTURE UPLOADED
L6            68 SEARCH L5 SSS  FULL SUB=L3
                 SAVE TEMP PRODCMPDS/A L6
L7               STRUCTURE UPLOADED
L8             0 SEARCHL7 SSS SAM
L9             1 SEARCH L7 SSS SAM
L10           48 SEARCH L7 SSS FULL
                 SAVE TEMP L10 STMATFNDS/A

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             396.00     396.63

FILE 'CAPLUS' ENTERED AT 07:01:48 ON 25 JUL 2006
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FILE COVERS 1907 - 25 Jul 2006  VOL 145 ISS 5
FILE LAST UPDATED: 24 Jul 2006  (20060724/ED)

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=> l6
L11           31 L6

=> l10
L12           57 L10

=> l6 and l10
              31 L6
              57 L10
L13   ,        1 L6 AND L10
```

=> d l13 ti fbib abs

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Catalytic cyclocondensation process for producing indenol esters or ethers from an α-substituted cinnamic aldehyde acetal or or an acylal
AN 2005:1242659 CAPLUS
DN 144:6579
TI Catalytic cyclocondensation process for producing indenol esters or ethers from an α-substituted cinnamic aldehyde acetal or or an acylal
IN Womack, Gary Bernard; Snowden, Roger Lesile; Mosimann, Herve
PA USA
SO U.S. Pat. Appl. Publ., 6 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005261513	A1	20051124	US 2004-849559	20040518
	WO 2005113473	A2	20051201	WO 2005-IB1474	20050510
	WO 2005113473	A3	20060413		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004-849559 A 20040518

OS CASREACT 144:6579; MARPAT 144:6579
AB A process is described for making indenol esters or ethers (e.g., 1-methoxy-2-methyl-1H-indene; b.p. 32-43°/0.07 mbar) from an α-substituted cinnamic aldehyde derivative such as an acetal (e.g., 3,3-dimethoxy-2-methyl-1-phenyl-1-propene) or an acylal in the presence of catalysts which are strong mineral acids, sulfonic acids, acidic zeolites, or Lewis acids (e.g., ferric chloride).

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.12	400.75

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:03:33 ON 25 JUL 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 07:30:35 ON 25 JUL 2006
FILE 'CAPLUS' ENTERED AT 07:30:35 ON 25 JUL 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.12	400.75

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.58	401.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:31:01 ON 25 JUL 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 07:35:48 ON 25 JUL 2006
FILE 'CAPLUS' ENTERED AT 07:35:48 ON 25 JUL 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.58	401.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.58	401.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

FILE 'REGISTRY' ENTERED AT 07:36:02 ON 25 JUL 2006
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 21 JUL 2006 HIGHEST RN 894992-91-7
DICTIONARY FILE UPDATES: 21 JUL 2006 HIGHEST RN 894992-91-7

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

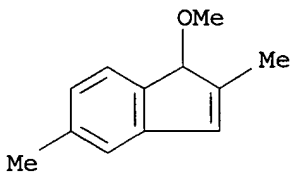
http://www.cas.org/ONLINE/UG/regprops.html

```
=> e 1H-Indene, 1-methoxy-2,5-dimethyl-/cn
E1            1     1H-INDENE, 1-METHOXY-2,3-DIPHENYL-/CN
E2            1     1H-INDENE, 1-METHOXY-2,4-DIMETHYL-/CN
E3            1 --> 1H-INDENE, 1-METHOXY-2,5-DIMETHYL-/CN
E4            1     1H-INDENE, 1-METHOXY-2,6-DIMETHYL-/CN
E5            1     1H-INDENE, 1-METHOXY-2,7-DIMETHYL-/CN
E6            1     1H-INDENE, 1-METHOXY-2-METHYL-/CN
E7            1     1H-INDENE, 1-METHOXY-2-METHYL-6-NITRO-/CN
E8            1     1H-INDENE, 1-METHOXY-2-NITRO-3-PHENYL-/CN
E9            1     1H-INDENE, 1-METHOXY-3-METHYL-/CN
E10           1     1H-INDENE, 1-METHOXY-7-(1-PROPENYLOXY)-/CN
E11           1     1H-INDENE, 1-METHYL-/CN
E12           1     1H-INDENE, 1-METHYL-, (R)-/CN

=> e3
L14           1 "1H-INDENE, 1-METHOXY-2,5-DIMETHYL-"/CN

=> d l14

L14  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   894779-05-6  REGISTRY
ED   Entered STN:  20 Jul 2006
CN   1H-Indene, 1-methoxy-2,5-dimethyl- (9CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C12 H14 O
SR   CA
LC   STN Files:   CAPLUS
```



1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> file caplus
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.10	408.31

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

FILE 'CAPLUS' ENTERED AT 07:36:30 ON 25 JUL 2006
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FILE COVERS 1907 - 25 Jul 2006 VOL 145 ISS 5
FILE LAST UPDATED: 24 Jul 2006 (20060724/ED)

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=>

=> l14
L15 1 L14

=> d l15 ti fbib abs

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Intramolecular electrophilic aromatic substitution of α-alkylcinnamaldehydes affording 1-alkoxy-2-alkylindenes
AN 2006:478943 CAPLUS
TI Intramolecular electrophilic aromatic substitution of α-alkylcinnamaldehydes affording 1-alkoxy-2-alkylindenes
AU Jobashi, Takashi; Kawai, Atsushi; Kawai, Satomi; Maeyama, Katsuya; Oike, Hideaki; Yoshida, Yasuhiko; Yonezawa, Noriyuki
CS Department of Organic and Polymer Materials Chemistry, Tokyo University of Agriculture & Technology, Koganei, Tokyo, 184-8588, Japan
SO Tetrahedron (2006), 62(24), 5717-5724
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier B.V.
DT Journal
LA English
AB Treatment of α-alkylcinnamaldehydes with orthoesters, alcs., or thiols in the presence of $BF_3 \cdot OEt_2$ induces an intramol. electrophilic aromatic substitution reaction to afford 1-alkoxy-2-alkylindenes. The reaction mechanisms of the indene formation have been elucidated on the basis of the reaction behaviors of β-deuterated α-methylcinnamaldehyde and the NMR studies of the reaction mixture The transformation process involves successive reactions, i.e., alkoxylation of the carbonyl carbon of α-alkylcinnamaldehydes to form acetals, elimination of alkoxide from the acetals to give

alkoxycarbenium ion and γ-alkoxyallyl cation, and intramol. electrophilic arylation to afford the indene ring structure.
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.42	414.73

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-1.50

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:41:03 ON 25 JUL 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 07:50:06 ON 25 JUL 2006
FILE 'CAPLUS' ENTERED AT 07:50:06 ON 25 JUL 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.42	414.73

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-1.50

=> d his

(FILE 'HOME' ENTERED AT 06:32:16 ON 25 JUL 2006)

FILE 'REGISTRY' ENTERED AT 06:42:20 ON 25 JUL 2006
L1 STRUCTURE UPLOADED
L2 0 SEARCH L1 SSS SAM
L3 82 SEARCH L1 SSS FULL
L4 0 DSCAN
SAVE TEMP L3 RAWHETROS/A
L5 STRUCTURE UPLOADED
L6 68 SEARCH L5 SSS FULL SUB=L3
SAVE TEMP PRODCMPDS/A L6
L7 STRUCTURE UPLOADED
L8 0 SEARCHL7 SSS SAM
L9 1 SEARCH L7 SSS SAM
L10 48 SEARCH L7 SSS FULL
SAVE TEMP L10 STMATFNDS/A

FILE 'CAPLUS' ENTERED AT 07:01:48 ON 25 JUL 2006
L11 31 L6
L12 57 L10

L13 1 L6 AND L10

FILE 'REGISTRY' ENTERED AT 07:36:02 ON 25 JUL 2006
E 1H-INDENE, 1-METHOXY-2,5-DIMETHYL-/CN
L14 1 E3

FILE 'CAPLUS' ENTERED AT 07:36:30 ON 25 JUL 2006
L15 1 L14

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.88	415.19

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-1.50

FILE 'REGISTRY' ENTERED AT 07:50:32 ON 25 JUL 2006

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STRUCTURE FILE UPDATES: 21 JUL 2006 HIGHEST RN 894992-91-7
DICTIONARY FILE UPDATES: 21 JUL 2006 HIGHEST RN 894992-91-7

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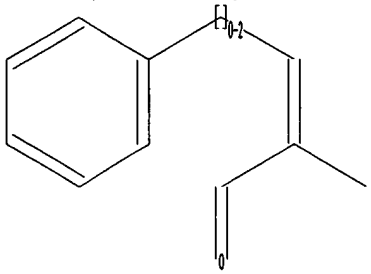
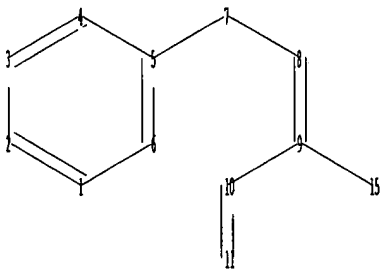
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10849559\10849559 starting aldehyde.str





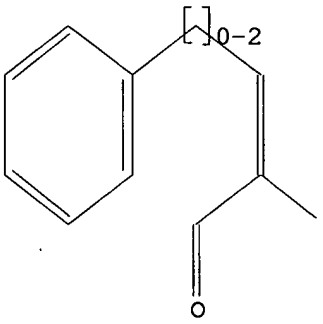
chain nodes :
7 8 9 10 11 15
ring nodes :
1 2 3 4 5 6
chain bonds :
5-7 7-8 8-9 9-10 9-15 10-11

ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
10-11
exact bonds :
5-7 7-8 8-9 9-10 9-15
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Hydrogen count :
7:>= minimum 2 10:>= minimum 1
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 15:CLASS

L16   STRUCTURE UPLOADED

=> d l16
L16 HAS NO ANSWERS
L16   STR



Structure attributes must be viewed using STN Express query preparation.

=> search l16 sss sam
SAMPLE SEARCH INITIATED 07:51:10 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   11549 TO ITERATE

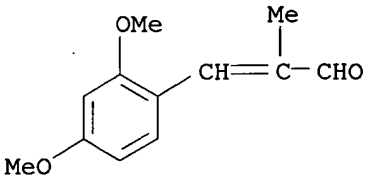
 17.3% PROCESSED   2000 ITERATIONS   9 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 224541 TO   237419
PROJECTED ANSWERS: 607 TO   1471

L17   9 SEA SSS SAM L16

=> d scan

L17 9 ANSWERS   REGISTRY COPYRIGHT 2006 ACS on STN
IN   2-Propenal, 3-(2,4-dimethoxyphenyl)-2-methyl- (9CI)
MF   C12 H14 O3

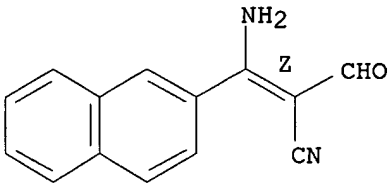


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):9

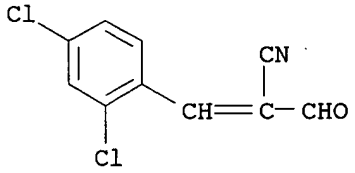
L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 3-amino-2-formyl-3-(2-naphthalenyl)-, (Z)- (9CI)
MF C14 H10 N2 O

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

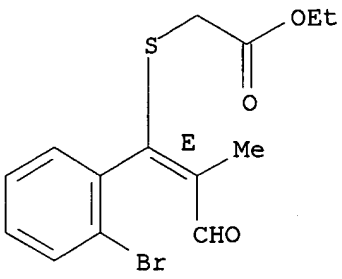
L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 3-(2,4-dichlorophenyl)-2-formyl- (9CI)
MF C10 H5 Cl2 N O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

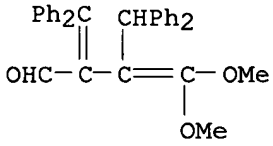
L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Acetic acid, [[1-(2-bromophenyl)-2-methyl-3-oxo-1-propenyl]thio]-, ethyl ester, (E)- (9CI)
MF C14 H15 Br O3 S

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

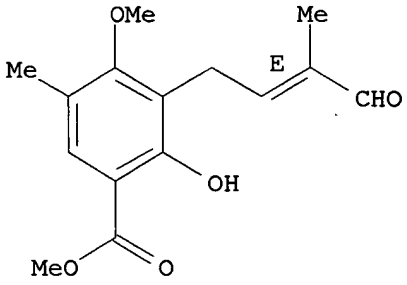
L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzenebutanal, β-(dimethoxymethylene)-α-(diphenylmethylene)-γ-phenyl- (9CI)
MF C32 H28 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

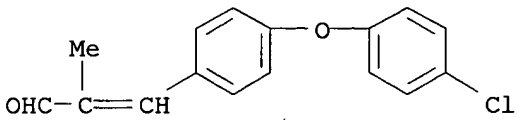
L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-hydroxy-4-methoxy-5-methyl-3-(3-methyl-4-oxo-2-butenyl)-, methyl ester, (E)- (9CI)
MF C15 H18 O5

Double bond geometry as shown.



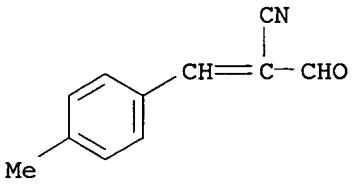
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenal, 3-[4-(4-chlorophenoxy)phenyl]-2-methyl- (9CI)
MF C16 H13 Cl O2



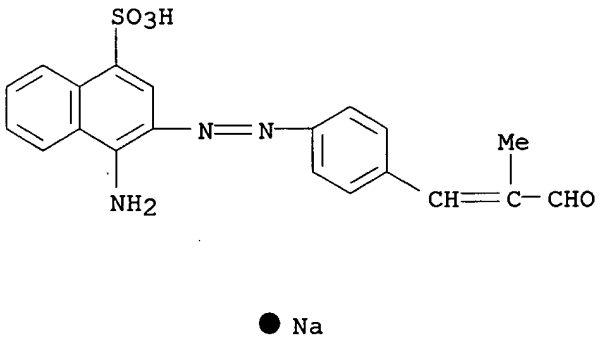
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 2-Propenenitrile, 2-formyl-3-(4-methylphenyl)- (9CI)
MF C11 H9 N O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L17 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenesulfonic acid, 4-amino-3-[[4-(2-methyl-3-oxo-1-propenyl)phenyl]azo]-, monosodium salt (9CI)
MF C20 H17 N3 O4 S . Na



ALL ANSWERS HAVE BEEN SCANNED

=> search l16 sss full
FULL SEARCH INITIATED 07:51:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 230880 TO ITERATE

100.0% PROCESSED 230880 ITERATIONS 940 ANSWERS
SEARCH TIME: 00.00.03

L18 940 SEA SSS FUL L16

=> save temp l18 staldfnds/a

ANSWER SET L18 HAS BEEN SAVED AS 'STALDFNDS/A'

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	167.82	583.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

FILE 'CAPLUS' ENTERED AT 07:52:32 ON 25 JUL 2006
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FILE COVERS 1907 - 25 Jul 2006 VOL 145 ISS 5
FILE LAST UPDATED: 24 Jul 2006 (20060724/ED)

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=> d his

(FILE 'HOME' ENTERED AT 06:32:16 ON 25 JUL 2006)

FILE 'REGISTRY' ENTERED AT 06:42:20 ON 25 JUL 2006
L1 STRUCTURE UPLOADED
L2 0 SEARCH L1 SSS SAM
L3 82 SEARCH L1 SSS FULL
L4 0 DSCAN
SAVE TEMP L3 RAWHETROS/A
L5 STRUCTURE UPLOADED
L6 68 SEARCH L5 SSS FULL SUB=L3
SAVE TEMP PRODCMPDS/A L6
L7 STRUCTURE UPLOADED
L8 0 SEARCHL7 SSS SAM
L9 1 SEARCH L7 SSS SAM
L10 48 SEARCH L7 SSS FULL
SAVE TEMP L10 STMATFNDS/A

FILE 'CAPLUS' ENTERED AT 07:01:48 ON 25 JUL 2006
L11 31 L6
L12 57 L10
L13 1 L6 AND L10

FILE 'REGISTRY' ENTERED AT 07:36:02 ON 25 JUL 2006
E 1H-INDENE, 1-METHOXY-2,5-DIMETHYL-/CN
L14 1 E3

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     FILE 'CAPLUS' ENTERED AT 07:36:30 ON 25 JUL 2006
L15           1 L14

     FILE 'REGISTRY' ENTERED AT 07:50:32 ON 25 JUL 2006
L16             STRUCTURE UPLOADED
L17           9 SEARCH L16 SSS SAM
L18         940 SEARCH L16 SSS FULL
                SAVE TEMP L18 STALDFNDS/A

     FILE 'CAPLUS' ENTERED AT 07:52:32 ON 25 JUL 2006

=> l18
L19       1934 L18

=> l3 and l19
             38 L3
L20           3 L3 AND L19

=> d l20 1-3 ti fbib abs

L20  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Intramolecular electrophilic aromatic substitution of α-
     alkylcinnamaldehydes affording 1-alkoxy-2-alkylindenes
AN   2006:478943  CAPLUS
TI   Intramolecular electrophilic aromatic substitution of α-
     alkylcinnamaldehydes affording 1-alkoxy-2-alkylindenes
AU   Jobashi, Takashi; Kawai, Atsushi; Kawai, Satomi; Maeyama, Katsuya; Oike,
     Hideaki; Yoshida, Yasuhiko; Yonezawa, Noriyuki
CS   Department of Organic and Polymer Materials Chemistry, Tokyo University of
     Agriculture & Technology, Koganei, Tokyo, 184-8588, Japan
SO   Tetrahedron (2006), 62(24), 5717-5724
     CODEN: TETRAB; ISSN: 0040-4020
PB   Elsevier B.V.
DT   Journal
LA   English
AB   Treatment of α-alkylcinnamaldehydes with orthoesters, alcs., or
     thiols in the presence of BF3·OEt2 induces an intramol.
     electrophilic aromatic substitution reaction to afford 1-alkoxy-2-
     alkylindenes.  The reaction mechanisms of the indene formation have been
     elucidated on the basis of the reaction behaviors of β-deuterated
     α-methylcinnamaldehyde and the NMR studies of the reaction mixture
     The transformation process involves successive reactions, i.e.,
     alkoxylation of the carbonyl carbon of α-alkylcinnamaldehydes to
     form acetals, elimination of alkoxide from the acetals to give
     alkoxycarbenium ion and γ-alkoxyallyl cation, and intramol.
     electrophilic arylation to afford the indene ring structure.
RE.CNT  43    THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20  ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Catalytic cyclocondensation process for producing indenol esters or ethers
     from an α-substituted cinnamic aldehyde acetal or or an acylal
AN   2005:1242659  CAPLUS
DN   144:6579
TI   Catalytic cyclocondensation process for producing indenol esters or ethers
     from an α-substituted cinnamic aldehyde acetal or or an acylal
IN   Womack, Gary Bernard; Snowden, Roger Lesile; Mosimann, Herve
PA   USA
SO   U.S. Pat. Appl. Publ., 6 pp.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 1
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005261513	A1	20051124	US 2004-849559	20040518
	WO 2005113473	A2	20051201	WO 2005-IB1474	20050510
	WO 2005113473	A3	20060413		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004-849559 A 20040518

OS CASREACT 144:6579; MARPAT 144:6579

AB A process is described for making indenol esters or ethers (e.g., 1-methoxy-2-methyl-1H-indene; b.p. 32-43°/0.07 mbar) from an α-substituted cinnamic aldehyde derivative such as an acetal (e.g., 3,3-dimethoxy-2-methyl-1-phenyl-1-propene) or an acylal in the presence of catalysts which are strong mineral acids, sulfonic acids, acidic zeolites, or Lewis acids (e.g., ferric chloride).

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

TI Preparation of indan derivatives as antiasthmatic agents

AN 1990:98228 CAPLUS

DN 112:98228

TI Preparation of indan derivatives as antiasthmatic agents

IN Ohira, Kazuo; Imai, Eiji; Nakaoku, Shozo; Nagai, Hiroichi

PA Taiyo Yakuhin Kogyo K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63005063	A2	19880111	JP 1986-148289	19860626
				JP 1986-148289	19860626

OS CASREACT 112:98228; MARPAT 112:98228

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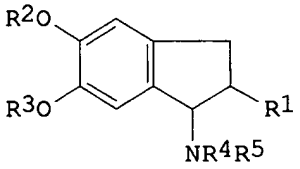
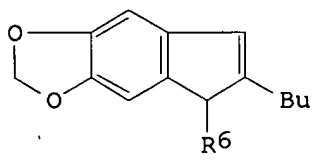


I



II

AB Indan derivs. [I; R1 = alkyl; R2,R3 = alkyl, R2R3 = alkylene; R4,R5 = (substituted) alkyl or aryl, R4R5N = piperidino, piperazinyl, homopiperazinyl, R4 = R5 ≠ Me], useful as antiasthmatic agents, are prepared Reaction of bromoindene derivative II (R6 = Br) with Me2NCH2CH2NHMe and Na2CO3 in Me2SO gave 68% amination product II (R6 = Me2NCH2CH2NMe), which as the HCl salt (3.8 g) was hydrogenated over PtO2 in EtOH to give 1.4 g cis- and 62 mg trans-I (R1 = Bu, R2R3 = CH2, R4 = Me, R5 = Me2NCH2CH2), which showed bronchi contraction inhibition at 5 + 10-5

g/mL in vitro in guinea pig bronchi.

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=> d cost
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CONNECT CHARGES                                         2.40      21.73
NETWORK CHARGES                                         0.36       3.48
SEARCH CHARGES                                          0.00     553.18
DISPLAY CHARGES                                         8.22      15.60
                                                      -------   -------
FULL ESTIMATED COST                                    10.98     593.99

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.25      -3.75

IN FILE 'CAPLUS' AT 07:56:16 ON 25 JUL 2006


=> save temp all indenylsrch/a
'INDENYLSRCH/A' IS NOT ALLOWED WITH ALL
The saved name of an L# list must end with '/L'.

=> save temp all indenylsrch/l
L# LIST L1-L20 HAS BEEN SAVED AS 'INDENYLSRCH/L'

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    12.36     595.37

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.25      -3.75

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:57:47 ON 25 JUL 2006

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 08:09:14 ON 25 JUL 2006
FILE 'CAPLUS' ENTERED AT 08:09:14 ON 25 JUL 2006
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    12.36     595.37

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.25      -3.75

=> d his
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```
     (FILE 'HOME' ENTERED AT 06:32:16 ON 25 JUL 2006)

     FILE 'REGISTRY' ENTERED AT 06:42:20 ON 25 JUL 2006
L1                STRUCTURE UPLOADED
L2             0 SEARCH L1 SSS SAM
L3            82 SEARCH L1 SSS FULL
L4             0 DSCAN
                  SAVE TEMP L3 RAWHETROS/A
L5                STRUCTURE UPLOADED
L6            68 SEARCH L5 SSS  FULL SUB=L3
                  SAVE TEMP PRODCMPDS/A L6
L7                STRUCTURE UPLOADED
L8             0 SEARCHL7 SSS SAM
L9             1 SEARCH L7 SSS SAM
L10           48 SEARCH L7 SSS FULL
                  SAVE TEMP L10 STMATFNDS/A

     FILE 'CAPLUS' ENTERED AT 07:01:48 ON 25 JUL 2006
L11           31 L6
L12           57 L10
L13            1 L6 AND L10

     FILE 'REGISTRY' ENTERED AT 07:36:02 ON 25 JUL 2006
                  E 1H-INDENE, 1-METHOXY-2,5-DIMETHYL-/CN
L14            1 E3

     FILE 'CAPLUS' ENTERED AT 07:36:30 ON 25 JUL 2006
L15            1 L14

     FILE 'REGISTRY' ENTERED AT 07:50:32 ON 25 JUL 2006
L16               STRUCTURE UPLOADED
L17            9 SEARCH L16 SSS SAM
L18          940 SEARCH L16 SSS FULL
                  SAVE TEMP L18 STALDFNDS/A

     FILE 'CAPLUS' ENTERED AT 07:52:32 ON 25 JUL 2006
L19         1934 L18
L20            3 L3 AND L19
                  SAVE TEMP ALL INDENYLSRCH/L

=> logoff hold
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                12.82     595.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                -2.25      -3.75

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 08:09:36 ON 25 JUL 2006

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
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SESSION RESUMED IN FILE 'CAPLUS' AT 08:16:14 ON 25 JUL 2006
FILE 'CAPLUS' ENTERED AT 08:16:14 ON 25 JUL 2006
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    12.82     595.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.25      -3.75

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    12.82     595.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                    -2.25      -3.75

FILE 'REGISTRY' ENTERED AT 08:16:25 ON 25 JUL 2006
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STRUCTURE FILE UPDATES:   23 JUL 2006  HIGHEST RN 895579-80-3
DICTIONARY FILE UPDATES:  23 JUL 2006  HIGHEST RN 895579-80-3

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> e 1H-Inden-1-ol, 2,6-dimethyl-, acetate/cn
E1            1     1H-INDEN-1-OL, 2,6,7,7A-TETRAHYDRO-7A-METHYL-5-(1-PYRROLIDIN
                    YL)-, ACETATE (ESTER)/CN
E2            1     1H-INDEN-1-OL, 2,6,7-TRIFLUORO-2,3-DIHYDRO-, CIS-/CN
E3            1 --> 1H-INDEN-1-OL, 2,6-DIMETHYL-, ACETATE/CN
E4            1     1H-INDEN-1-OL, 2-(((1,1-DIMETHYLETHYL)DIMETHYLSILYL)OXY)-2,3
                    -DIHYDRO-, CIS-/CN
E5            1     1H-INDEN-1-OL, 2-(((2,3-DIMETHOXYPHENYL)METHYL)AMINO)-2,3-DI
                    HYDRO-, (1S-TRANS)-/CN
E6            1     1H-INDEN-1-OL, 2-(((2,3-DIMETHOXYPHENYL)METHYLENE)AMINO)-2,3
                    -DIHYDRO-, (1S-TRANS)-/CN
E7            1     1H-INDEN-1-OL, 2-(((2,3-DIMETHOXYPHENYL)METHYLENE)AMINO)-2,3
                    -DIHYDRO-5-METHOXY-, (1S-TRANS)-/CN
E8            1     1H-INDEN-1-OL, 2-(((3,4-DIMETHOXYPHENYL)METHYL)AMINO)-2,3-DI
                    HYDRO-, (1S-TRANS)-/CN
E9            1     1H-INDEN-1-OL, 2-(((3,4-DIMETHOXYPHENYL)METHYL)AMINO)-2,3-DI
```

```
                  HYDRO-, HYDROCHLORIDE, (1S-TRANS)-/CN
E10          1    1H-INDEN-1-OL, 2-(((3,4-DIMETHOXYPHENYL)METHYL)AMINO)-2,3-DI
                  HYDRO-4,5-DIMETHOXY-, (1S-TRANS)-/CN
E11          1    1H-INDEN-1-OL, 2-(((3,4-DIMETHOXYPHENYL)METHYL)AMINO)-2,3-DI
                  HYDRO-4,5-DIMETHOXY-, HYDROCHLORIDE, (1S-TRANS)-/CN
E12          1    1H-INDEN-1-OL, 2-(((3,4-DIMETHOXYPHENYL)METHYL)AMINO)-2,3-DI
                  HYDRO-5-METHOXY-, (1S-TRANS)-/CN

=> e3
L21          1 "1H-INDEN-1-OL, 2,6-DIMETHYL-, ACETATE"/CN

=> d l21

L21  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   870002-58-7  REGISTRY
ED   Entered STN:  15 Dec 2005
CN   1H-Inden-1-ol, 2,6-dimethyl-, acetate (9CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C13 H14 O2
SR   CA
LC   STN Files:   CA, CAPLUS, CASREACT, USPATFULL
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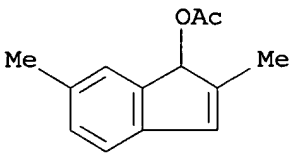


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       7.10     602.93

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                       0.00      -3.75

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FILE COVERS 1907 - 25 Jul 2006  VOL 145 ISS 5
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FILE LAST UPDATED: 24 Jul 2006 (20060724/ED)

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=> l21
L22 1 L21

=> d l22ti fbib abs
'L22TI' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):end

=> d l22 ti fbib abs

L22 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Catalytic cyclocondensation process for producing indenol esters or ethers from an α-substituted cinnamic aldehyde acetal or or an acylal
AN 2005:1242659 CAPLUS
DN 144:6579
TI Catalytic cyclocondensation process for producing indenol esters or ethers from an α-substituted cinnamic aldehyde acetal or or an acylal
IN Womack, Gary Bernard; Snowden, Roger Lesile; Mosimann, Herve
PA USA
SO U.S. Pat. Appl. Publ., 6 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005261513	A1	20051124	US 2004-849559	20040518
WO 2005113473	A2	20051201	WO 2005-IB1474	20050510
WO 2005113473	A3	20060413		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004-849559 A 20040518

OS CASREACT 144:6579; MARPAT 144:6579
AB A process is described for making indenol esters or ethers (e.g., 1-methoxy-2-methyl-1H-indene; b.p. 32-43°/0.07 mbar) from an α-substituted cinnamic aldehyde derivative such as an acetal (e.g., 3,3-dimethoxy-2-methyl-1-phenyl-1-propene) or an acylal in the presence of catalysts which are strong mineral acids, sulfonic acids, acidic zeolites, or Lewis acids (e.g., ferric chloride).

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.20	606.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-4.50

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 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 08:17:52 ON 25 JUL 2006

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 09:14:54 ON 25 JUL 2006
FILE 'CAPLUS' ENTERED AT 09:14:54 ON 25 JUL 2006
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       3.20     606.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      -0.75      -4.50

=> d his

     (FILE 'HOME' ENTERED AT 06:32:16 ON 25 JUL 2006)

     FILE 'REGISTRY' ENTERED AT 06:42:20 ON 25 JUL 2006
L1                STRUCTURE UPLOADED
L2              0 SEARCH L1 SSS SAM
L3             82 SEARCH L1 SSS FULL
L4              0 DSCAN
                  SAVE TEMP L3 RAWHETROS/A
L5                STRUCTURE UPLOADED
L6             68 SEARCH L5 SSS  FULL SUB=L3
                  SAVE TEMP PRODCMPDS/A L6
L7                STRUCTURE UPLOADED
L8              0 SEARCHL7 SSS SAM
L9              1 SEARCH L7 SSS SAM
L10            48 SEARCH L7 SSS FULL
                  SAVE TEMP L10 STMATFNDS/A

     FILE 'CAPLUS' ENTERED AT 07:01:48 ON 25 JUL 2006
L11            31 L6
L12            57 L10
L13             1 L6 AND L10

     FILE 'REGISTRY' ENTERED AT 07:36:02 ON 25 JUL 2006
                  E 1H-INDENE, 1-METHOXY-2,5-DIMETHYL-/CN
L14             1 E3

     FILE 'CAPLUS' ENTERED AT 07:36:30 ON 25 JUL 2006
L15             1 L14

     FILE 'REGISTRY' ENTERED AT 07:50:32 ON 25 JUL 2006
L16               STRUCTURE UPLOADED
L17             9 SEARCH L16 SSS SAM
L18           940 SEARCH L16 SSS FULL
                  SAVE TEMP L18 STALDFNDS/A
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     FILE 'CAPLUS' ENTERED AT 07:52:32 ON 25 JUL 2006
L19         1934 L18
L20            3 L3 AND L19
                 SAVE TEMP ALL INDENYLSRCH/L

     FILE 'REGISTRY' ENTERED AT 08:16:25 ON 25 JUL 2006
                 E 1H-INDEN-1-OL, 2,6-DIMETHYL-, ACETATE/CN
L21            1 E3

     FILE 'CAPLUS' ENTERED AT 08:17:17 ON 25 JUL 2006
L22            1 L21

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       3.20     606.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      -0.75      -4.50

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:15:11 ON 25 JUL 2006
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